

Derwent Title: **Mfg. sintered component esp. connecting rod - having split bearing aperture, in which bearing aperture-forming components are separately pressed and sintered**

Original Title: ☒ **DE3904020A1: Verfahren zum Herstellen von Bauteilen mit geteiltem Lagerauge**

Assignee: **BAYERISCHE MOTOREN WERKE AG** Standard company
Other publications from **BAYERISCHE MOTOREN WERKE AG (BAYM)...**

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IPC Code: **B22F 7/06 ;**

Derwent Classes: **M22; P53;**

Manual Codes: **M22-H03G(Powder metal products)**

Derwent Abstract: **(DE3904020A)** In the prodn. of sintered components with split bearing apertures, esp. i.c. engine connecting rods, the bearing aperture-forming components are separately pre-pressed and sintered and then than components are assembled in a sizing mould to form the bearing aperture and subjected to post-pressing (sizing).
Advantage - Mfg. costs are reduced compared with processes involving machining and cryogenic fracture to form the split apertures.

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Family:

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